Express Mail Label No.: EV 292561781 US Date of Deposit: December 31, 2003

DOCKET NO: B0801.70226US01

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Birkenbach et al.

Serial No.:

Not yet assigned

Confirmation No.:

---

Filed:

Herewith (December 31, 2003)

For:

**EPSTEIN BARR VIRUS INDUCED GENES** 

Examiner:

Not yet assigned Not yet assigned

Art Unit:

## **Mail Stop Patent Application**

Commissioner for Patents P.O: Box 1450 Alexandria, VA 22313-1450

# STATEMENT FILED PURSUANT TO THE DUTY OF DISCLOSURE UNDER 37 CFR §§1.56, 1.97 AND 1.98

Sir:

Pursuant to the duty of disclosure under 37 C.F.R. §§1.56, 1.97 and 1.98, the Applicant requests consideration of this Information Disclosure Statement.

#### PART I: Compliance with 37 C.F.R. §1.97

This Information Disclosure Statement has been filed before the mailing date of a first Office Action on the merits in the above-identified case. No fee or certification is required.

### PART II: Information Cited

The Applicant hereby makes of record in the above-identified application the information listed on the attached form PTO-1449 (modified). The order of presentation of the references should not be construed as an indication of the importance of the references.

The Applicant hereby makes the following additional information of record in the above-identified application.

# PART III: Explanation of Non-English Language References and Remarks Concerning Other Information Cited

The following is a concise explanation of the relevance of each non-English language reference listed on the attached form PTO-1449 (modified):

The following are remarks concerning the other information cited:

Serial No.: not yet assigned

Docket No.: B0801.70226US01

Art Unit: not yet assigned
Page 2

## PART IV: Remarks

Documents cited anywhere in the Information Disclosure Statement are enclosed unless otherwise indicated. It is respectfully requested that:

- 1. The Examiner consider completely the cited information, along with any other information, in reaching a determination concerning the patentability of the present claims;
- 2. The enclosed form PTO-1449 be signed by the Examiner to evidence that the cited information has been fully considered by the Patent and Trademark Office during the examination of this application;
- 3. The citations for the information be printed on any patent which issues from this application.

By submitting this Information Disclosure Statement, the Applicant makes no representation that a search has been performed, of the extent of any search performed, or that more relevant information does not exist.

By submitting this Information Disclosure Statement, the Applicant makes no representation that the information cited in the Statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b).

By submitting this Information Disclosure Statement, the Applicant makes no representation that the information cited in the Statement is, or is considered to be, in fact, prior art as defined by 35 U.S.C. §102.

Respectfully submitted,

Bv:

John/R. Van Amsterdam, Reg. No. 40,212

Wolf, Greenfield & Sacks, P.C.

600 Atlantic Avenue

Boston, Massachusetts 02210 Telephone: (617) 720-3500

Docket No. B0801.70226US01 Date: December 31, 2003

**xNDD** 

Express Mail Label No.: EV 292561781 US
Date of Deposit: December 31, 2003

FORM PTC	)-1449/A and B (M	lodified	1)	APPLICATION NO.: Not assigned	DOCKET NO.: B0801.70226US01
INF	ORMATION	DIS	CLOSURE	FILING DATE: Herewith	
STA	ATEMENT B	Y AI	PPLICANT	APPLICANT: Birkenbach et al.	
_				GROUP ART UNIT: Unknown	EXAMINER: Unknown
Sheet	1	of	2		

#### **U.S. PATENT DOCUMENTS**

Examiner's	Cite	U.S. Patent Docum	ent	Name of Patentee or Applicant of Cited	Date of Publication or of issue of Cited Document MM-DD-YYYY	
Initials#	No.	Number	Kind Code	Document		
	A1*	5,262,529	Α	Dryja et al.	11-16-1993	
	A2*	5,744,301	A	Birkenbach et al.	04-28-1998	
	A3*	5,753,516	Α	Heagy et al.	05-19-1998	

#### FOREIGN PATENT DOCUMENTS

Examiner's Initials#	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited	Date of Publication of	Translation
		Office/ Country	Number	Kind Code	I (not necessary)	Cited Document MM-DD-YYYY	(Y/N)
	B1*	wo	90/05147			05-1990	
	ŀ						
	1						

#### OTHER ART — NON PATENT LITERATURE DOCUMENTS

Examiner's Initials#	Cite No	Include name of the author (in CAPITAL LETTERS) title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, relevant page(s), volume-issue number(s), publisher, city and/or country where published.	Translation (Y/N)
	C1*	ALFIERI et al., Virology 181:595-608 (1991)	
	C2*	BAYLISS AND WOLF, J. gen. Virol. 56:105-118 (1981)	
	C3*	BAYLISS et al., J. of Virol. Methods 7:229-239 (1983)	
	C4*	BIRKENBACH et al., J. of Virology 63(9):4079-4084 (1989)	
	C5*	CALENDER et al., Proc. Natl. Acad. Sciences USA 84:8060-8064 (1987)	
	C6*	FAVROT et al., Intl. J. of Cancer 38:901-906 (1986)	:
	C7*	EHLIN-HENRIKSSON et al., Intl. J. of Cancer 39:211-218 (1987)	
	C8*	GREGORY et al., J. of General Virology 71:1481-1495 (1990)	
	C9*	HENDERSON et al., Cell 65:1107-1115 (1991)	
	C10*	HUMMEL AND KIEFF, Proc. Natl. Acad. Sci. USA 79:5698-5702 (Sep. 1982)	
	C11*	KNUTSON, J.C., J. of Virology 64(6):2530-2536 (1990)	
	C12*	QUALTIERE AND PEARSON, Int. J. Cancer 23:808-817 (1979)	
	C13*	ROWE et al., Intl. J. of Cancer 37:367-373 (1986)	
	C14*	ROWE et al., EMBO Journal 6(9):2743-2751 (1987)	

<sup>\*</sup> a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. 09/929,583, filed August 14, 2001; or Serial No. 09/536,954, filed March 28, 2000; or Serial No. 08/352,678, filed November 30, 1994; or Serial No. 07/980,518, filed November 25, 1992, relied upon for an earlier filing date under 35 U.S.C. 120 (continuation, continuation-in-part, and divisional applications).

EXAMINER	DATE CONSIDERED

Express Mail Label No.: EV 292561781 US

Date of Deposit: December 31, 2003

INFORMATION DISCLOSURE FILING DATE: Herewith	DOCKET NO.: B0801.70226US01	
i I		
STATEMENT BY APPLICANT  APPLICANT: Birkenbach et al.		
Sheet 2 of 2 GROUP ART UNIT: Unknown EXAMINER: U	Inknown	

#### **U.S. PATENT DOCUMENTS**

Examiner's Initials#	Cite No.	U.S. Patent Do	cument	Name of Patentee or Applicant of Cited Document	Date of Publication or of issue
		Number	Kind Code		of Cited Document MM-DD-YYYY
	A4*	5,759,804	Α	Godiska et al.	06-02-1998
	A5*	6,043,351	A	Birkenbach et al.	03-28-2000

#### FOREIGN PATENT DOCUMENTS

Lyminici 2	Cite	Foreign Patent Document			Name of Patentee or Applicant of Cited  Document	Date of Publication of	Translation
	No.	Office/ Country	Number	Kind Code	(not necessary) Cited Doct	Cited Document MM-DD-YYYY	
	<u> </u>						

#### OTHER ART - NON PATENT LITERATURE DOCUMENTS

Examiner's Initials#	Cite No	Include name of the author (in CAPITAL LETTERS) title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, relevant page(s), volume-issue number(s),	Translation (Y/N)
		publisher, city and/or country where published.	
	C15*	SPIRA et al., J. of Immunology 126(1):122-126 (1981)	
	C16*	THORLEY-LAWSON et al., J. of Immunology 134(5):3007-3012 (1985)	
	C17*	WANG et al., J. of Virology 64(5):2309-2318 (1990)	
	C18*	WANG et al., Proc. Natl. Acad. Sciences USA 84:3452-3456 (1987)	
	C19*	WANG et al., J. of Virology 64(7):3407-3416 (1990)	
	C20*	GenBank Acc. No. T02587, May 26, 1992	
	C21*	Stratagene Catalog, 1988 p. 39	

<sup>\*</sup> a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. 09/929,583, filed August 14, 2001; or Serial No. 09/536,954, filed March 28, 2000; or Serial No. 08/352,678, filed November 30, 1994; or Serial No. 07/980,518, filed November 25, 1992, relied upon for an earlier filing date under 35 U.S.C. 120 (continuation, continuation-in-part, and divisional applications).

EXAMINER		DATE CONSIDERED
	,	

#EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.